

## ABSTRACT

In an electrode for projection welding, an end cover (10) of metal having a through hole (19) is attached to the end of a main body (6) of metal having a cylindrical shape, a guide sleeve (12) of insulation material is disposed in the main body (6), the end of the guide sleeve (12) being formed with a receiving hole (18) for a part (2) in a state in which the receiving hole (18) communicates with the through hole (19) in the end cover (10), and a cooling passage (32) for fluid which cools the guide sleeve (12) is formed.